



Technical Data Sheet

OnWax® Mirco 009 C

Introduction: OnWax® Micro 009 C is a non-polar hard Polyethylene wax providing excellent fine texture control with uniform surface texture and significantly improved matte appearance while also offering increased scratch resistance and improved slip. It has a very high crystallinity and hardness. Close meshed hydrocarbon chains of OnWax® Micro 009 C exhibits a perfect control of rheology and boost adhesion.

Chemical description: Non-polar hard Polyethylene wax

Production process: Air classification process with particle size < 150 µm

Typical Properties

Test	Unit	Specification	Test Methods
Color	-	White	Visual
Form	-	Finest powder	Visual
Drop point	°C	110 - 120	LV 12 (DGF M-III 3)
Acid Value	mgKOH/g	Max 0	DIN EN ISO 2114
Viscosity (140 °C)	mPas	Max 40	LV 2(DIN EN ISO3104)
Penetration	mm*10 ⁻¹	2 - 5	LV 4 (DIN 51579)
Density (23 °C)	g/cm ³	0.94 -0.96	LV 3 (DIN ISO 1183)

Application

- Masterbatch
- Hot melts
- Raw materials for micronized waxes
- Raw materials for emulsion

Properties

- Modification of viscosity
- Good dispersing properties
- Increased color yield

Advantage

- Can partly substitute classic Fischer-Tropsch waxes

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